BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Detailed Estimate for Repair of Govt School Building at Jakkur, Ward No. 5, Byatarayanapura Sub Division.

			Estimate Cost Rs.					1000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	**Dismantling cement concrete** flooring or plain cement concrete work including removing and conveying the debris to distance upto 200 m (within average thickness of 15 cms), No. 268 Item No. 37.51 PWD SR 2011-12	Sqm							
	Rooms		3	6.20	4.55		84.63		
			1	6.90	4.55		31.40		
			1	7.60	4.55		34.58		
	Corridor		1	34.00	2.25		76.50		
							227.11	**41.13**	**9340.00**
	Basic Rate	38.80							
	Area Weightage @ 6%	2.33							
	Total	**41.13**							
2	**Dismantling plastering** and removing the debris with a lead upto 200m, No. 268/ Item No. 37.50 PWD SR 2011-12	Sqm							
	Interior								
	Room ceiling		3	6.20	4.55		84.63		
			1	6.90	4.55		31.40		
			1	7.60	4.55		34.58		
	Corridor		1	34.00	2.25		76.50		
	Walls		3X2	6.20		3.00	111.60		
			3X2	4.55		3.00	81.90		
			1X2	6.90		3.00	41.40		
			1X2	4.55		3.00	27.30		
			1X2	7.60		3.00	45.60		
			1X2	4.55		3.00	27.30		
			1	34.00		3.00	102.00		
	Exterior Walls		1	34.00		4.30	146.20		
			1	5.05		4.30	21.72		
			1	7.30		4.30	31.39		
							863.51	**17.60**	**15194.00**
	Basic Rate	16.60							
	Area Weightage @ 6%	1.00							
	Total	**17.60**							
3	**Dismantling weather proof course** and removing and conveying the debris to a distance upto 200m, No. 268/ Item No. 37.44 PWD SR 2011-12	Cum							
			1	34.00	7.25	0.10	24.65		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							24.65	351.92	**8675.00**
	Basic Rate	332.00							
	Area Weightage @ 6%	19.92							
	Total	**351.92**							
4	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2011-12	Cum							
	Rooms		3	6.20	4.55	0.10	8.46		
			1	6.90	4.55	0.10	3.14		
			1	7.60	4.55	0.10	3.46		
	Corridor		1	34.00	2.25	0.10	7.65		
							22.71	3939.41	**89466.00**
	Basic Rate	3647.60							
	Area Weightage @ 8%	291.81							
	Total	**3939.41**							
5	KSRB 14.10.2 : **Flooring with 25mm to 40mm thick polished shahabad** slabs using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Page No. 110/ Item No. 14.16 / PWD SR 2011-12	sqm							
	Rooms		3	6.20		4.55	84.63		
			1	6.90		4.55	31.40		
			1	7.60		4.55	34.58		
	Corridor		1	34.00		2.25	76.50		
	Skirting		3X2	6.20		0.15	5.58		
			2	6.90		0.15	2.07		
			2	7.60		0.15	2.28		
	Wall Clading to Corridor		1	34.00		2.10	71.40		
			1	2.25		2.10	4.73		
			10	4.55		2.10	95.55		
							408.71		
	Deductions								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Windows		10	0.90		1.20	10.80		
	Doors		5	1.05		2.10	11.03		
							21.83		
	Balance Qty						**386.89**	914.78	**353915.00**
	Basic Rate	863.00							
	Area Weightage @ 6%	51.78							
	Total	**914.78**							
6	KSRB 6-2.3 Providing and constructing **burnt brick masonry** with approved quality of non-modular bricks of standard size of class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2, Page No. 30/ Item No. 6.6/ PWD SR 2011-12	**Cum**							
	Repair of parapet Wall		1	25.00	0.23	0.45	2.59		
			1	19.00	0.23	0.45	1.97		
			1	6.00	0.23	0.45	0.62		
							5.18	4834.45	**25018.00**
	Basic Rate	4560.80							
	Area Weightage @ 6%	273.65							
	Total	**4834.45**							
7	KSRB 15.3.13 : Providing **12mm thick cement plaster** in single coat with **cement mortar 1:3, to ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Page No. 120/ Item No. 15.21 PWD SR 2011-12**	Sqm							
	Ceiling Plastering		3	6.20	4.55		84.63		
			1	6.90	4.55		31.40		
			1	7.60	4.55		34.58		
			1	34.00	2.25		76.50		
							227.11	150.86	**34261.00**
	Basic Rate	142.32							
	Area Weightage @ 6%	8.54							
	Total	**150.86**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRB 15-3.7:- Providing **18mm thick cement plaster** in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specificationsPage No. 120/ Item No. 15.17/ PWD SR 2011-12	sqm							
	Interior Walls		2X3	6.20		3.00	111.60		
			2	6.90		3.00	41.40		
			2	7.60		3.00	45.60		
			10	5.55		3.00	166.50		
			1	34.00		3.00	102.00		
			1	2.25		3.00	6.75		
							473.85		
	Deduction								
	Doors		5	1.05		2.10	11.03		
	W		25	0.90		1.20	27.00		
							38.03		
	Balance Qty						**435.83**	150.05	**65397.00**
	Basic Rate	141.56							
	Area Weightage @ 6%	8.49							
	Total	**150.05**							
9	KSRB 15.7: Providing **lime rendering** for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **Page No. 98/ Item No. 15.33 / PWD SR 2011-12**	**Sqm**							
			Qty Vide Item No.7				**227.11**	16.96	**3852.00**
	Basic Rate	16.00							
	Area Weightage @ 6%	0.96							
	Total	**16.96**							
10	KSRB 15-3.7:- Providing **18mm thick cement plaster** in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specificationsPage No. 120/ Item No. 15.17/ PWD SR 2011-12	Sqm							
	Exterior Walls		1	34.00		4.30	146.20		
			1	5.05		4.30	21.72		
			1	7.30		4.30	31.39		
							199.31		
	Deductions								
	W		15X.05	0.90	1.20		0.81		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							0.81		
	Blance Qty						198.50	150.05	29785.00
	Basic Rate	141.56							
	Area Weightage @ 6%	8.49							
	Total	150.05							
11	KSRB 15.15.1: Providing and applying painting in two coats with **plastic emulsion paint** of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. KSRB 15.15.2 : with primer. Page No.123/ Item No. 15.51.2 / PWD SR 2011-12	Sqm							
			Qty Vide Item No.7+8				662.93	69.96	46379.00
	Basic Rate	66.00							
	Area Weightage @ 6%	3.96							
	Total	69.96							
12	KSRB 15-16 : Providing and finishing external walls in two coats with **waterproof cement paint** of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.-do- with primer,page No.124 item No.15.53.2/PWD SR 2011-12	Sqm							
			Qty Vide Item No.10				198.50	63.60	12624.00
	Basic Rate	60.00							
	Area Weightage @ 6%	3.60							
	Total	63.60							
13	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with **enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. Page No.125 / Item No. 15.60 / PWD SR 2011-12	Sqm							
	Doors		5X2.25	1.05		2.10	24.81		
	Windows		25X2.25	0.90		1.20	60.75		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
							85.56	77.38	**6620.00**
	Basic Rate	73.00							
	Area Weightage @ 6%	4.38							
	Total	**77.38**							
15	KSRB 0.5-4.1 : Providing **lime sand mortar of mix** 1:1:1 (1 lime putty :1 **Surkhi** :1 sand) including cost of all materials, labour charges, HOM of machinery complete as per specifications. Specification No. KBS, No. 2/ Item No. 1.15/ PWD SR 2011-12	**Cum**							
			1	34.00	7.25	0.10	24.65		
							24.65	2716.78	**66969.00**
	Basic Rate	2563.00							
	Area Weightage @ 6%	153.78							
	Total	**2716.78**							
16	KSRB 10-2 :- Providing and laying in position **yelahanka tiles** of size 250x250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specification. Specification No. KBS Page No. 68/ Item No. 10.1/ PWD SR 2011-12	**sqm**							
			1	34.00	7.25		246.50		
							246.50	624.34	**153900.00**
	Basic Rate	589.00							
	Area Weightage @ 6%	35.34							
	Total	**624.34**							
13	KSRB 8.6-7 : Providing and fixing on wall surface 4.0kg/sq.cm **H.D.P.E rain down water pipes** 90mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. Page No. 52/ Item No. 8.18/ PWD SR 2011-12	m							
	Rain water Pipe		14	3.50			49.00		
							49.00	343.44	**16829.00**
	Basic Rate	324.00							
	Area Weightage @ 6%	19.44							
	Total	**343.44**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Water Supply, Electrification and Other Works	L/s							60000.00
15	Miscesalaneous Charges	L/S						1776.00~~3674~~.	3706.00
								Total	1000000.00

(Rupes Ten Lakhs only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2011-12
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
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Asst. Exe. Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-24

Executive Engineer
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs 10,00,000.00/=
Rupees ....Ten....Lakhs....only.....
.....
Under ....P1771....POW....11-12.....
.....
Registered as JE(Y) No....158...../12-13
Subject to conditions contained in
enclosed memo JE(Y) No....158...../12-12
Dt....11/05/12..... Estimate A/Sanctioned
..Jc/Yel/AA/12-13....No. 158.....
dated...11/05/12.....Rs. 10,00,000.00/=

Joint Commissioner
(Byatarayan...)

Technical Sanction for Rs. 10,00,000=00
Ten Lakhs only
under P-1771 P O W 11-12
registered as EE No: 29/11.5.12 Subject to conditions contained enclosed memo.
No: 29/12-13/ Dt. 11.5.12

AE/JE

EE (BTP. Div.)